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IN THE CLAIMS:

Please amend claims 1-12 as follows:

--1/(Amended) A radiating cable comprising a pair of insulated conductor wires (2), the cable comprising at least one cable segment (1) having first ends (3) connected to a load (4) equal to an impedance characteristic of the cable segment, and second ends (5) connected to a connector.

2/(Amended) A radiating cable according to claim 1, comprising at least two cable segments whose second ends (5) are connected to the connector (6) in a parallel configuration.

3/(Amended) A radiating cable according to claim 2, wherein the two cable segments (1) are identical.

4/(Amended) A radiating cable according to claim 1, wherein the pairs of insulated conductor wires (2) are placed in a supporting sheath (9).

5/(Amended) A radiating cable according to claim 1, wherein the insulated conductor wires are twisted together, at least in part.

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6/(Amended) A radiating cable according to claim 5, wherein the insulated conductor wires (2) are twisted at a pitch lying in the range about 15 times to about 30 times the diameter of the insulated wires.

7/(Amended) A radiating cable according to claim 4, wherein the wires are twisted alternately with right-handed twist and with left-handed twist.

8/(Amended) A radiating cable according to claim 7, wherein a portion of cable with right-handed twist is separated from a portion of cable with left-handed twist by a portion of cable in which the insulated wires are substantially parallel to each other.

9/(Amended) A radiating cable according to claim 1, including a dielectric tape (7) in contact with the insulated conductor wires.

10/(Amended) A radiating cable according to claim 1, including metal tapes wound helically without overlap around the pairs of insulated conductor wires.